

2008

**COMPLIANCE
TRAINING
SCHEDULE**

AND

**COMPLIANCE
ASSISTANCE
PUBLICATIONS**



CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY



**AIR RESOURCES BOARD
ENFORCEMENT DIVISION**

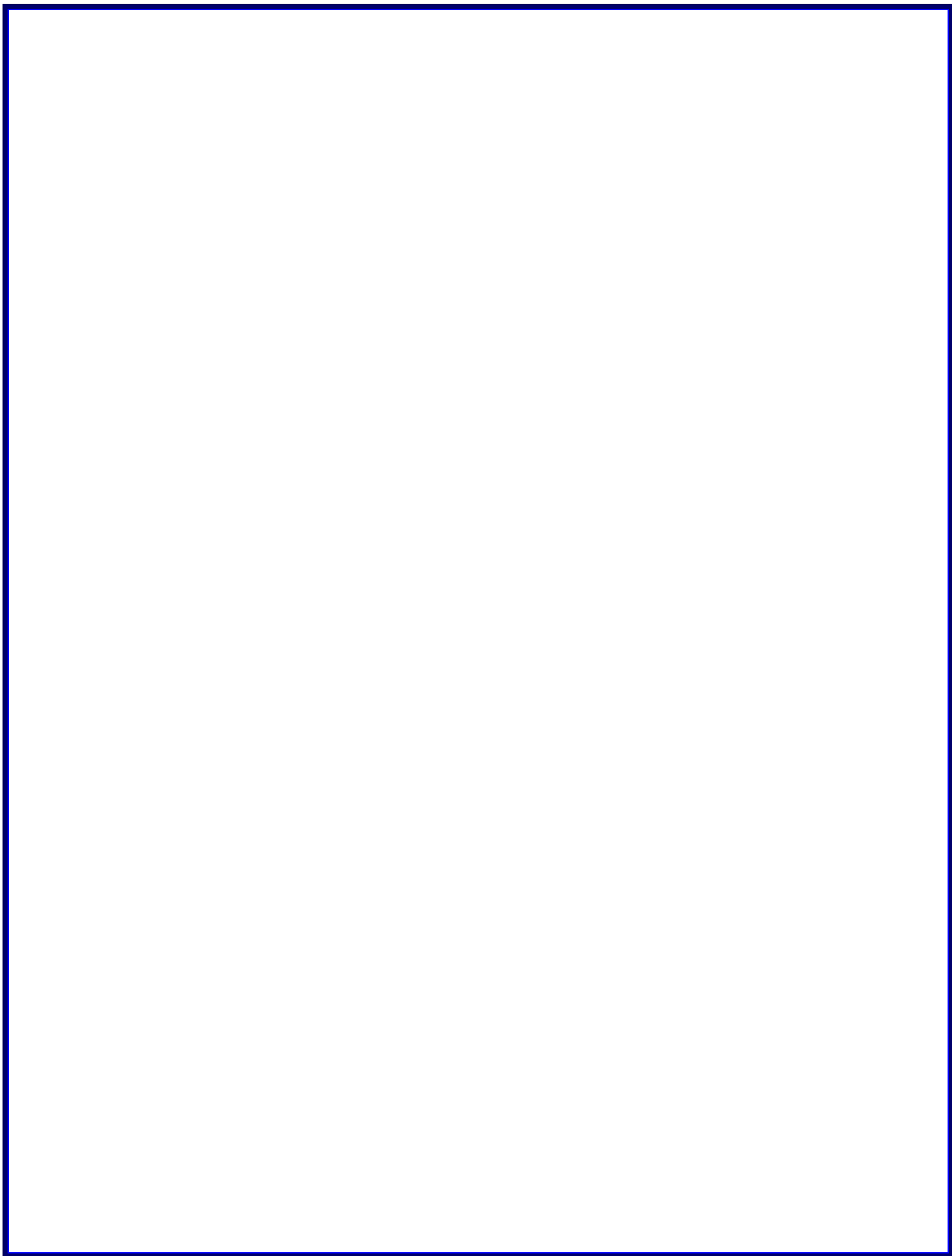


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The Program



PURPOSE

The dynamic transitions occurring in business and government, including the rapid changes in technology and sweeping new legislation, continue to challenge the environmental community. These changes are mandating redefined priorities and increased workloads that must be accomplished with tight budgets. Today, more than any time in the past, it is essential that professionals in the environmental field receive quality training to keep current with this accelerated evolution.

The Air Resources Board (ARB) Enforcement Division proudly offers this essential training. The purpose of this program is to provide comprehensive education to further the professional development of environmental specialists. The courses offered in this program provide current, practical, usable, and cost-effective information for both new and experienced environmental professionals working in California. We offer similar training throughout the country and internationally.

CURRICULUM

These nationally recognized and award-winning programs offer a standardized core curriculum, including both entry-level training and continuing education. The training utilizes videos, digital presentation technologies, guest speakers, and field or site visits. These courses encourage communication and networking between environmental personnel, with the goal of achieving emission reductions and solving compliance problems through professionalism and teamwork.

These courses cover pollution history, the procedures required to properly evaluate emissions, the analysis of industrial processes, theory and application of emission controls, and waste stream reduction. The focus is on maintaining compliance with applicable laws and regulations. Wherever possible, each course includes a field visit to reinforce skills, knowledge, and practical applications learned in each course. The training is designed to provide students with skills that can be immediately applied to their work in the field. In addition, the curriculum can be customized and tailored to the specific needs of a group or industry at any appropriate meeting location, thus greatly reducing client travel costs.

INSTRUCTORS

The curriculum is designed and presented by instructors with many years experience in air pollution control, working together as an interdisciplinary team. Their education includes business, engineering, health science, biological science, air quality monitoring, law enforcement, and more. Their experience includes stationary source permitting, inspection, source testing, and regulatory enforcement.

The instructors are highly experienced in adult education and they are experts in developing courses, seminars, workshops, and conferences. The training staff and the management of the ARB share a commitment to excellence which assures the program meets the sophisticated needs of today's environmental professional.

**** (Note: Please check the web at; <http://www.arb.ca.gov/training/calendar.htm> for the latest version of the training calendar. All class times, locations, and instructors are SUBJECT TO CHANGE! This catalog printed December 10, 2007.) ****

COMPLIANCE ASSISTANCE PUBLICATIONS

The Compliance Assistance Program (CAP) develops and publishes a variety of technical manuals, interactive materials on CD, self-inspection handbooks, and compliance advisories for industry and local government. Training Section staff work closely with CAP staff to develop these materials. The technical manuals and CDs are the primary references used in the training courses and provide in-depth, source-specific information for inspectors and facility environmental specialists.

The CAP also assists business by producing and distributing self-help literature that explains air pollution rules in everyday terms. Handbooks and pamphlets are brief (15 to 25 pages), colorful, and easy to read with helpful inspection checklists, flowcharts, diagrams, and illustrations.

For your convenience, beneath each description of a course in this catalog, we have identified the corresponding publication numbers for each handbook, pamphlet, and technical manual. Some courses do not have corresponding CAP publications. For a complete listing of CAP publications and prices see Appendix C of this catalog or go to www.arb.ca.gov/cap/cap.htm.

REGISTRATION INFORMATION

Enrollment for most courses is limited depending on the classroom size. Early registration is encouraged for all courses. Each class has a minimum enrollment, which, if not met, may cause class cancellation. Please contact the registrar for enrollment and administrative information. Registration will be accepted in four ways:

1. **Telephone:** (916) 322-3937
2. **Fax:** (916) 323-3303
3. **E-mail:** arbtrain@arb.ca.gov
4. **Mail:** Air Resources Board
 Registrar, ED Training Section
 PO Box 2815
 Sacramento, CA 95812

Registrations will be accepted in the order received. For more specific course information, please contact the course instructors listed in the course descriptions. A registration form is available in Appendix A, or online at www.arb.ca.gov/training/registra.htm.

Special Accommodation

If you have special needs which require reasonable accommodation, please contact Nancy Thompson at (916) 322-2227 or nthomps@arb.ca.gov as soon as possible. TTY/TDD/Speech-to-Speech users may dial 7-1-1 for the California Relay Service.

Course Fees

Course	Environmental Agency*	Industry & Public
Fundamentals of Enforcement (Course 100)	\$0	\$350
VEE Recertification (Courses 100.1 & 100.2)	\$0	\$100
UAQTP 100 Series (4 days, Courses 101-115)	\$0	\$400
200 Series 1 day course	\$0	\$150
200 Series 2 day course	\$0	\$250
300 Series 1 day course	\$0	\$150
300 Series 3 day course	\$0	\$350
400 Series 3 day course	\$50	\$350
Cross Media Enforcement Symposium (300)	\$375	\$625
Basic Inspector Academy (Course 310) (4 Day)	\$50	\$400
Introduction to Hearing Board Workshop (321)	\$25	\$125
Advanced Hearing Board Workshop (322)	\$50	\$250
Smoke Management Training (Course 375)	\$0	\$350
Dry Cleaning Operator Initial Certification (387)	N/A	\$100
Dry Cleaning Operator Recertification	N/A	\$50
Dry Cleaning Trainer Initial Certification	N/A	\$150
Dry Cleaning Trainer Recertification	N/A	\$100

*"Environmental Agency" means governmental bodies with environmental regulatory authority.

These fees are for courses offered in California only. Payments must be received with the course application, payable to "California Air Resources Board." You may pay by credit card. Call or write us with the following: the type of credit card, the name on the card, the number of the card, and the expiration date of the card. For security reasons we discourage emailing or faxing this information. In addition, if your business meets the criteria stipulated in Health and Safety Code 40503(b)(1) subsections (A)(B) pertaining to small businesses, you may be eligible for a discount (excluding VEE Re-certification) on some course fees.

Cancellation Policy

If a registration is cancelled less than 14 working days before the first day of class, no refund of course fees will be made and any unpaid course fees will be due. Substitution for the individual originally registered is permitted with prior approval.

On-Site Course Presentations

Most of our courses can be presented when and where needed to a group at any suitable facility. The courses can be tailored to organizational needs by changing the duration or adapting to a multi-session format.

Travel and Lodging

Course participants are responsible for their personal travel and lodging arrangements.

100 SERIES COURSES



VISIBLE EMISSIONS EVALUATION PROGRAM

The Air Resources Board trains regulators and industry representatives to perform U.S. EPA Method 9 for reading visible emissions and certifies individuals in visible emissions evaluation (VEE). This certification is valid for six months and must be renewed by attending Course #100.1 (day certification) and/or Course #100.2 (night certification). Persons who are new to VEE must take Course 100, Fundamentals of Enforcement as a prerequisite.

Coordinator: Min Li
Phone: (916) 323-1168
E-mail: mli@arb.ca.gov

COURSE 100 FUNDAMENTALS OF ENFORCEMENT

This three-day course presents a basic overview of air pollution related topics & is a prerequisite to certifying as a visible emission evaluator. Participants will learn U.S. EPA Method 9 for reading visible emissions & will have the opportunity to obtain visible emission evaluation (VEE) certification. In addition, the course covers air pollution & its effects, meteorology, water vapor plumes, air pollution law, inspection procedures, and diesel smoke enforcement. VEE certification is valid for six months and must be renewed by attending Course 100.1 or Course 100.2. Enrollment in Course 100 is limited & advanced registration is required. Our Fundamentals of Enforcement schedule is subject to change. Please check our web site for the latest scheduling information at: <http://www.arb.ca.gov/cap/vee.htm>

Handbook 93-023

2008 Scheduled courses:

Sacramento	Feb 26 – 28
San Luis Obispo	April 8 – 10
Sacramento	June 10 - 12
Long Beach	July 8 – 10
Monterey	October 7 - 9
Los Angeles	December 2 - 4

COURSE 100.1 RECERTIFICATION IN VISIBLE EMISSION EVALUATION

Recertification in visible emissions evaluation is required every six months. This one-day course provides students the opportunity to re-certify. Day certification is conducted from 8:30 a.m. to 3:00 p.m. For schedule updates, check www.arb.ca.gov/cap/100_1.htm

Prerequisite: Course 100- Fundamentals of Enforcement.

2008 Scheduled courses:

Bakersfield	April 17, October 16
Long Beach	January 10, 23, July 10, 23
Madera	March 20, Sept. 23
Monterey	March 19, October 9
Pleasanton	Mar. 5 & 6, Sept. 10 & 11
Redding	March 13, Sept. 18
San Diego	January 16, July 16
San Dimas	Jan. 24, July 24, Dec. 4
San Luis Obispo	April 10
Ventura	January 29, July 29
Victorville	April 16, Oct. 15
W. Sacramento	Feb. 28, April 30, June 12, Sept. 4, October 29

COURSE 100.2 NIGHT CERTIFICATION IN VISIBLE EMISSION EVALUATION

This course provides students with the opportunity to certify in night visible emissions evaluation. This certification is valid for six months. Night certification begins at official sunset time, hence the start time changes with the season and location. For schedule updates, check www.arb.ca.gov/cap/100_2.htm

Prerequisite: Course 100, Fundamentals of Enforcement.

2008 Scheduled courses:

Bakersfield	April 17, October 16
Pomona	January 24, July 24, December 3
Long Beach	Jan, 9 & 22, July 9 & 22
Monterey	October 8
San Luis Obispo	April 9
W. Sacramento	February 27, June 11



THE UNIFORM AIR QUALITY TRAINING PROGRAM (UAQTP)

UAQTP is a 4-day series of 14 courses providing an introduction to air pollution control and enforcement. The program is intended for entry-level stationary source inspectors, regulatory agency staff, & environmental specialists in business & government. Students will learn the basics of air pollution history, the evolution of environmental laws & regulations, control equipment, and inspection procedures associated with inspections to ensure proper compliance. Students are encouraged to ask questions & share their experiences. More information about each course is listed below.

Coordinator: Eric Walton
 Phone: (916) 324-5868
 E-mail: ewalton@arb.ca.gov

2008 Scheduled courses:

Diamond Bar	January 29 – Feb. 1
Sacramento	June 17 - 20

COURSE 101 HISTORY OF AIR POLLUTION

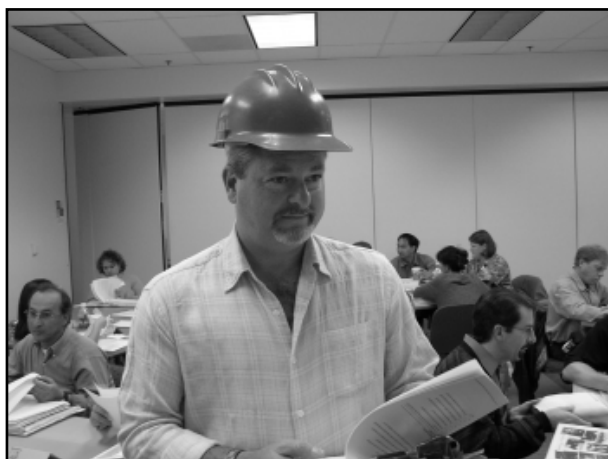
The course provides a brief, entertaining, historical tour of air pollution from social, political, cultural, and technological perspectives. The key events covered are historical incidents that brought attention to air pollution as a significant health & welfare problem.

COURSE 102 METEOROLOGY AND CLIMATOLOGY

The Meteorology and Climatology course examines the atmospheric factors that influence the accumulation and dispersion of air pollution both globally and locally. Atmospheric thermodynamics, topography, and airflow are discussed as they apply to the formation and transportation of air pollutants.

COURSE 103 CLASSIFICATION OF AIR POLLUTANTS

The major classes of air contaminants are discussed in this course. The concept of criteria and non-criteria pollutants is introduced followed by a discussion of ambient air quality standards. Emissions inventories and reduction strategies are also covered.



COURSE 104 INSPECTOR SAFETY

Inspector Safety outlines some of the potential hazards encountered during common source inspections. This course includes discussions on the selection & use of safety equipment & its application to various workplace environments. Walking, climbing, burn, electrical, & explosion dangers are addressed as they apply to source inspections. For more detailed information about inspector health & safety, students are encouraged to enroll in Course 202, Health & Safety.

COURSE 105 CONCEPTS OF REGULATORY DEVELOPMENT

This course presents the principles, rules, & guidelines governing regulatory development. Federal, state, and local processes are explored, with emphasis on those that affect district rule-making. Programs and terminology such as AQMPs, SIP, CTGs, RACT, BACT, NSPS, NSR and NESHAPS will be explained.

COURSE 106 INSPECTION AND REPORT WRITING TECHNIQUES

This course will give an overview of the physical and administrative techniques to effectively inspect various sources that fall under the jurisdiction of air pollution agencies. This is presented in two phases: the first discusses general procedures for conducting effective source inspections; the second deals with formatting and writing clear, concise, and complete inspection reports.

COURSE 107 BASIC AIR POLLUTION CONTROL EQUIPMENT

Some common methods for controlling particulate and gaseous air emissions are covered in this course. An overview of the operating principles of typical emission control devices are discussed, including key inspection considerations. For more detailed information about particular control devices and processes, students are encouraged to enroll in our 200-series courses.

COURSE 109 COMPLAINT RESPONSE PROCEDURES

This course introduces the principles of processing air pollution nuisance complaints with special emphasis on the field investigation process. Legal aspects of public nuisance laws associated with air pollution, causes of complaints, complaint investigation, and resolution of complaints are some of the subjects discussed.

COURSE 110 SAMPLING GATHERING AND INTEGRITY

This course presents an overview of the methods used to ensure sample integrity with special emphasis on the chain of custody procedure. Specifically, the topics will include standard sample gathering procedures, protocols for specific samples, and general safety concerns.



COURSE 111 BASIC CHEMISTRY OF AIR POLLUTION

This introductory course discusses the basic concepts of air pollution chemistry, including simple chemical reactions and the nomenclature for important hydrocarbon compounds. Discussions will also include ozone formation in the atmosphere, air toxics, acid deposition, and indoor air pollution.

COURSE 112 EVOLUTION OF ENVIRONMENTAL LAW

This course gives a brief overview of how air pollution laws, rules, and regulations are developed. The course will cover basic legal principles, courtroom proceedings and tactics, as well as significant cases that have led to modern-day air pollution laws.

COURSE 113 INSPECTOR CONDUCT AND LIABILITY

Inspector Conduct and Liability is designed to familiarize field inspectors with commonly accepted practices and procedures regarding their professional conduct. This course addresses legal entry, right to inspect, confidential material, and the potential consequences and legal ramifications of illegal conduct or tactics.

COURSE 114 AIR QUALITY MONITORING CONCEPTS

This course covers the basic concepts involved in ambient and source monitoring. Reasons for monitoring, monitoring instruments and their use, and the acquisition and use of air quality data are discussed. For more in-depth coverage of this topic, students are encouraged to enroll in Course 222, Principles of Ambient Air Monitoring.

COURSE 115 INTERFACING WITH RELATED AGENCIES

This course will examine the kinds of interactions air pollution control professionals might have with different local, state, and federal government agencies. Interactions related to permitting, issuance of Notice of Violation (NOV), follow-up of violations, environmental crimes and emergencies, rule making, and other areas will be covered. For more information about interfacing with other agencies and cross-media inspections, students are encouraged to enroll in Course 300, Cal/EPA's Annual Environmental Cross Media Enforcement Symposium.

COURSE 195 AIR ACADEMY *(for ARB Staff Only)*

The Air Academy is an opportunity for employees that have been with the Air Resources Board for two years or less to become current on the most relevant developments of the Air Resources Board. Learn about the top policy priorities and top technical issues from the Chairman's Office and the

Executive Office. The three days of training will also include the basic building blocks of air quality science and the major programs of each Division, including special topics like global warming. All three classes must be completed consecutively to receive a certificate.

2008 Scheduled courses:
Sacramento February 5 – 7

COURSE 199 INTRODUCTION TO CONTROL DEVICES

This two day course aimed at the new, entry-level stationary source inspectors, regulatory agency staff, and environmental specialists in business and government will provide a detailed introduction to air pollution control equipment and methods used to control particulate and gaseous air emissions. The course will cover theory, operation, applications, design considerations, inspection strategies and regulations for knock boxes, bag-houses, cyclones, scrubbers, electrostatic precipitators, carbon beds, bio filters, condensers, flares, and thermal oxidizers. Introduction to Control Equipment is an expansion of UAQTP course #107 and will not include a fieldtrip.

2008 Scheduled courses:
Fresno July 8 – 9
Sacramento September 9 – 10
Mojave December 9 - 10



200 SERIES COURSES



200 SERIES COURSES

The 200 Series courses are designed for environmental professionals in government or industry who specialize in air pollution compliance. Each 200 series course focuses on a specific source category and reviews the general process, theories and applications, source emissions and control techniques, applicable laws and regulations, typical source permit conditions, record keeping and monitoring requirements, and compliance inspection procedures.

These one and two day courses are comprised of interactive classroom instruction followed by "hands-on" field training at a representative facility which enhances the student's learning experience. Classes generally start at 8:30 a.m. and conclude at 5:00 p.m.. Students must bring applicable safety equipment such as hard hats, safety glasses, ear protection, and safety shoes to participate in the field visit. The field visit and the satisfactory completion of the course exam are required before a "Certificate of Completion" is issued. It is recommended that students complete the 100 series courses prior to attending the 200 series courses, and the 200 series courses before the 300 series courses.



COURSE 202 HEALTH AND SAFETY

Field inspections involve a certain degree of risk. Inspections of wastewater treatment plants, manufacturing plants, laboratories, and mines are each associated with various hazards. A safe field inspection depends on the recognition, evaluation, and control of hazards. Cal/OSHA (California Occupational Safety and Health Act) regulations and established safety policies are continually being updated. This course and the manual have been assembled as a "hands-on" tool for all personnel conducting field activities.

Coordinator: Randy Opfer
Phone: (916) 322-8049
E-mail: ropfer@arb.ca.gov

2008 Scheduled courses:

Sacramento	January 10
Diamond Bar	June 25
San Diego	July 24

COURSE 210 GASOLINE CARGO TANKS

This one-day course will focus on Phase I vapor recovery as it relates to the loading of gasoline cargo tanks. This course provides information on how to determine and maintain compliance of vapor recovery systems on cargo tanks. Additionally, the course includes a manual that discusses legal requirements, vapor recovery systems and equipment, and processes and emission controls.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Handbook 99-003

2008 Scheduled courses:

Sacramento	July 16
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COURSE 211 BULK LOADING RACKS

Each year 14 billion gallons of gasoline are loaded into wholesale delivery trucks from dozens of loading racks around the state. These loading racks operated by bulk plants and refineries are subject to liquid leak limitations and vapor recovery requirements. We will spend the day reviewing test procedures and inspection techniques that assure the effectiveness of the vapor collection systems at the rack and the attached cargo tank.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Handbook 99-003

2008 Scheduled courses:
Sacramento July 17

COURSE 220 COMPLIANCE ASSURANCE MONITORING (CAM)

On October 22, 1997, EPA promulgated the CAM rule, 40 CFR part 64, which addresses monitoring for certain emission units at major sources. The CAM rule, which applies only to emission units with active control devices whose potential pre-control device emissions are at or above the major source thresholds, requires the title V permit for these sources to contain monitoring sufficient to give a "reasonable assurance of compliance" with requirements applicable to the source and with all permit terms and conditions over the anticipated range of operation. Thus, emission units with an approved CAM plan will have sufficient monitoring to satisfy the periodic monitoring requirement under title V and part 70.

The CAM rule generally will not require implementation of its requirements for most units subject to CAM until the first round of title V permit renewals, which will generally be 5 years after initial permit issuance. Therefore, until emission units become subject to the re-

quirements of part 64, the initial title V permit for major sources with units subject to Federal or SIP regulations will need to include periodic monitoring for these CAM units.

Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

2008 Scheduled courses:

Diamond Bar	January 8
Mojave	January 10
San Diego	July 10
Bay Area	August 27 & 28
Monterey	August 5
Santa Barbara	August 7
Fresno	October 28
Bakersfield	October 30

COURSE 221 CONTINUOUS EMISSION MONITORING

Continuous emission monitoring (CEM) involves determining compliance of stationary sources with their emission limitations on a continuous basis. CEM are also used for process control and to monitor the operations of the control equipment. This course reviews the purpose and applicability of CEM systems mandated by federal regulations such as 40 CFR Part 60 and Part 75. We will discuss several different types of commercially available extractive & in situ systems with emphasis on performance specifications, including installation, design, testing, & certification. The course also discusses data recording & reporting requirements, system calibration & quality assurance program including procedures for conducting performance audits (CGA, linearity & RATA).

Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

Technical Manual 97-229

2008 Scheduled courses:
See Course #401, Advanced CEM

COURSE 222 PRINCIPLES OF AMBIENT AIR MONITORING

This one-day course covers the basic design & theory of ambient air monitoring, quality assurance & quality control methods as they relate to monitoring instruments, site development criteria, & data processing. This course addresses ozone, oxides of nitrogen, carbon monoxide, hydrocarbon, particulate and sulfur dioxide monitors, meteorology systems, data recording systems, gas calibration systems, & zero air systems. Course 114, Air Quality Monitoring Concepts is recommended before taking this course.

Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewalton@arb.ca.gov

Technical Manual 00-235

2008 Scheduled courses:
Sacramento February 19

COURSE 224 OBSERVING SOURCE TESTS



Observations of compliance performance emission tests are an important part of any air pollution enforcement program. Data obtained during these tests are used to determine compliance with regulatory standards or to determine baseline operating conditions for a source. We present the basic principles of source test observation (STO) and the fundamentals of source testing methods, including Method 5, sampling train & procedures. We also discuss sample recovery observations, procedural inspections, calculations, report writing and QA techniques. Students will participate in a Method 5 sampling train "mock inspection" and receive hands-on training.

Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

Technical Manual 01-236

2008 Scheduled courses:
To be announced

COURSE 230 SURFACE COATING OPERATIONS: METAL PARTS AND PRODUCTS

This course addresses paints & coatings used in the manufacture or refurbishment of metal parts & products. Combining lecture, discussion, and informational video, students are introduced to topics such as coating formulation, volatile content limits, transfer efficiency, application equipment, inspector sampling, & laboratory analysis for liquid & powder coatings. This course is a prerequisite for all classes in the Course 230 series.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 95-202
Handbook 90-010 - English
Handbook 90-011 - Spanish

2008 Scheduled courses:
Diamond Bar February 20

**COURSE 230.1
SURFACE COATING OPERATIONS:
AEROSPACE INDUSTRY**



Coating processes are addressed as they apply to the manufacturing and refurbishment of aircraft and aerospace parts. This one-day course is a combination of lecture and discussion providing an overview that includes inspection strategy, procedure, and safety concerns. Discussion topics include: how aerospace coatings differ from other metal parts and products coatings, volatile organic content limits, inspection techniques, and the National Emission Standard for Hazardous Air Pollutants (NESHAPs). **Prerequisite:** Course 230

Coordinator: Terone Preston
Phone: (916) 322-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 97-207, Handbook 90-008

2008 Scheduled courses:

To be announced

**COURSE 230.2
SURFACE COATING OPERATIONS: AUTO
REFINISHING**

This one-day course focuses on the operations of the auto refinishing industry. This course consists of four hours of lecture and four hours of field training. The emphasis is on a strategy for achieving reductions from a large number of small sources operating in a variety of environmental conditions. Inspection procedures, strategy, safety concerns, coating

formulations, application equipment, and pollution control equipment will be discussed.

Prerequisite: Course 230.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual	91-214
Handbook	91-015 - English
Handbook	92-017 - Spanish

2008 Scheduled courses:

Diamond Bar	February 21
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**COURSE 230.3
SURFACE COATING OPERATIONS:
METAL CONTAINER CLOSURE & COIL
COATING OPERATIONS**



This one-day course will review the steps to manufacture two-piece aluminum and three-piece steel cans, as well as the chemical and physical demands on coatings for the metal packaging industry. The extensive testing required for the Food and Drug Administration, as well as taste and product-coating compatibility will have serious ramifications on one's choice of coatings. Each of these parameters will be discussed relative to enforcement, effective VOC control strategies, and new coatings development.

Prerequisite: Course 230

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 91-212

2008 Scheduled courses:
Bay Area August 14

COURSE 230.4 GRAPHIC ARTS

This course addresses the use of inks, coatings and surface preparation/cleanup materials used in the graphic arts industry. Classroom discussion will focus on printing methods, process descriptions, emission control techniques, and inspection procedures. Discussion of regulatory issues such as the federal NESHAPS, RACT guidelines, and the local prohibitory rules are also included. Students will also receive firsthand experience during the afternoon field visit (mock inspection) at a local business with a permitted printing operation.

Coordinator: Tom Raschke
Phone: (916) 445-0961
E-mail: traschke@arb.ca.gov

Technical Manual 92-217
Handbook 97-028 - English
Handbook 98-029 - Spanish

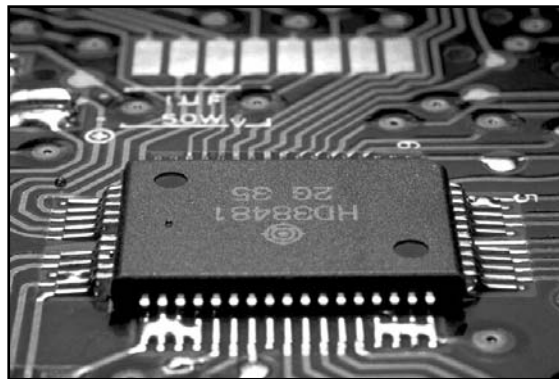
2008 Scheduled courses:
San Diego November 19

COURSE 233 SOLVENT CLEANING: DEGREASING OPERATIONS

This one-day course provides base line information on a variety of solvents cleaning and degreasing operations. Topics include: types of solvents, types of degreasers, emission control equipment used and inspection procedures. Discussion of regulatory issues such as the Title III MACT standards, NESHAPS for Halogenated Solvents, RACT/BARCT guidelines and local prohibitory rules are also in-

cluded. Students will also receive first-hand experience during the afternoon field visit (mock inspection) at a local business with a permitted solvent cleaning operation.

Coordinator: Tom Raschke
Phone: (916) 445-0961
E-mail: traschke@arb.ca.gov



Technical Manual 96-224
Handbook 89-004

2008 Scheduled courses:
To be announced

COURSE 234 PRINTED CIRCUIT BOARDS

This course focuses on the processes and equipment used to control the emissions from printed circuit board manufacturing. Classroom discussion will focus on process description, rules and regulations, control equipment, and inspection procedures. The afternoon field visit will give the students hands-on inspection experience.

Coordinator: Ann Stacy
Phone: (916) 324-7658
E-mail: astacy@arb.ca.gov

Technical Manual 98-233

2008 Scheduled courses:
To be announced



COURSE 242 HOT MIX ASPHALT FACILITIES

Hot Mix Asphalt (HMA) facilities produce asphaltic concrete which is a mixture of well-graded, high quality aggregate and asphalt cement that is heated and mixed in measured quantities. This course discusses the process of hot mix asphalt production, equipment, types of air pollution control, and techniques on how to perform a compliance inspection. When this course is taught with course #243, the field visits for both classes will be on the morning of day two. Participants must bring their hard hats, safety shoes, hearing and eye protection.

Coordinator: Ann Stacy
Phone: (916) 324-7658
E-mail: astacy@arb.ca.gov

Interactive CD Technical Manual 90-209
Handbook 90-006

2008 Scheduled courses:

Diamond Bar	February 26, 27
Redding	June 25, 26
San Diego	August 20

COURSE 243 AGGREGATE PLANTS

Aggregate plants produce sand and gravel and crushed stone. These plants can also be considered major air pollution sources. Upon completion of this one-day course, the participant will better understand the process flow of

sand and gravel and crushed stone operations and the legal requirements associated with aggregate plants. When this course is taught with course #242, the field visits for both classes will be on the morning of day two. Participants must bring their hard hats, safety shoes, hearing and eye protection.

Coordinator: Ann Stacy
Phone: (916) 324-7658
E-mail: astacy@arb.ca.gov

2008 Scheduled courses:

Diamond Bar	February 26, 27
Redding	June 25, 26



COURSE 244 CONCRETE BATCH PLANTS

Concrete is a mixture of water, cement, sand, gravel, and other substances designed to harden and form durable surfaces and structures. A batch plant is a facility that collects and stores concrete ingredients, selects and combines proportions, and dispenses the mixture into a mixer-truck. This one-day course covers process and control, air pollution control measures, inspection procedures, and legal requirements applicable to concrete batch plants. There will be a field visit in the afternoon. Participants must bring their hard hats, safety shoes, hearing and eye protection.

Coordinator: Ann Stacy
Phone: (916) 324-7658
E-mail: astacy@arb.ca.gov

Technical Manual 94-222

2008 Scheduled courses:

Sacramento	March 27
San Diego	August 21
Fresno	October 22

COURSE 245 CEMENT PLANTS

Cement is a powdered substance made primarily of burned lime, clay, and fly ash. Cement manufacturing involves many processes including mining, crushing, screening, recovery, calcining, finishing, grinding, conveying, and shipping. Particulates can be emitted during any of these steps. Facilities can also operate on a variety of fuels requiring additional air pollution control. This course covers the production processes of cement manufacture with the corresponding air pollution control issues. There will be a field visit in the afternoon. Participants must bring their hard hats, safety shoes, hearing, and eye protection.

Coordinator: Ann Stacy
Phone: (916) 324-7658
E-mail: astacy@arb.ca.gov

Technical Manual 96-227

2008 Scheduled courses:

To be announced

COURSE 251 ASBESTOS DEMOLITION AND RENOVATION (D/R)

Designed for presentation to air pollution inspectors, a variety of asbestos issues are discussed in this one-day course. Since contamination is a major concern when working near asbestos, safety is emphasized. Inspections and proper and thorough case development are outlined and reviewed as is locating non-notifiers. Group participation is encouraged throughout the course. Specific coverage is given to health effects of exposure, containment practices, sampling, and documentation.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 90-208

2008 Scheduled courses:

Sacramento October 15

COURSE 252 FUGITIVE DUST



This course presents a comprehensive overview of fugitive dust control, including: the how, what, where and health impacts of particulate matter, the problem that fugitive dust presents, the rules and regulations that have been adopted to control fugitive dust and the methods that are used to determine compliance and/or violations to these regulations..

Coordinator: Tom Raschke
Phone: (916) 445-0961
E-mail: traschke@arb.ca.gov

2008 Scheduled courses:

Sacramento	February 14
Fresno	March 5
Bakersfield	October 8

COURSE 260 OIL FIELD PRODUCTION

This one-day course provides information on production methods, related emissions, applicable regulations and inspection techniques associated with oil field production. This information assists air pollution inspectors in conducting more accurate and comprehensive inspections, as well as providing industry with the methods to comply with air pollution regulations. There will be a field visit in the afternoon. Participants must bring their hard hats, safety shoes, hearing, and eye protection.

Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewaltonr@arb.ca.gov

Technical Manual 92-216
Handbook 93-021

2008 Scheduled courses:
Diamond Bar August 6

COURSE 261 POLYESTER/EPOXY RESIN, FIBERGLASS & COMPOSITE MANUFACTURING

This course covers the history, use of raw materials, production methods, emission control methods, and inspection procedures for polyester resin and fiberglass facilities. It also covers pollution prevention, legal requirements, and RACT/BARCT. Inspectors will understand what is required of the facility to remain in compliance with the requirements. A field visit to a local facility will provide a hands-on inspection.

Course Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

Technical Manual 99-234

2008 Scheduled courses:
To be announced

COURSE 262 FUGITIVE VOC INSPECTIONS

This course provides practical information for conducting fugitive VOC inspections at petroleum refineries, chemical process facilities, and fuel storage and marketing facilities. The course covers the equipment that may exhibit fugitive leaks, review leak detection and repair (LDAR) regulations and standards, and discuss compliance monitoring, record keeping, and recording requirements. Portable leak detection instruments are discussed and students will use one or more of these instruments at a regulated facility. The primary audience for this course is air quality compliance inspectors. Course 395 is for facility personnel.

Coordinator: Randy Opfer
Phone: (916) 322-8049
E-mail: ropfer@arb.ca.gov

2008 Scheduled courses:
To be announced

COURSE 265 BALANCE VAPOR RECOVERY FOR OWNERS/ OPERATORS

This short course will begin with how evaporative emissions from motor fuel transfer impacts human health & activity. Focus then shifts to the effectiveness of vapor recovery as an emission control strategy. The course concludes with the air pollution inspection & how the owner/operator can avoid administrative penalties with self-inspection & routine maintenance. Emphasis is on handling hardware & one-page inspection checklists.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 94-201
Handbook 00-009

2008 Scheduled courses:
To be announced

COURSE 266 ASSIST VAPOR RECOVERY FOR OWNER/OPERATORS

This course begins with how evaporative emissions from motor fuel transfer impacts human health & activity. The effectiveness of vapor recovery as an emission control strategy will be discussed. The ultimate goal is to understand the object of the air pollution inspection & how the owner/operator can avoid administrative penalties with self inspection & routine maintenance. Hardware & inspection checklists are emphasized. Each class will address the types of assist systems operated by those in attendance.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

2008 Scheduled courses:
To be announced



COURSE 270 INCINERATORS

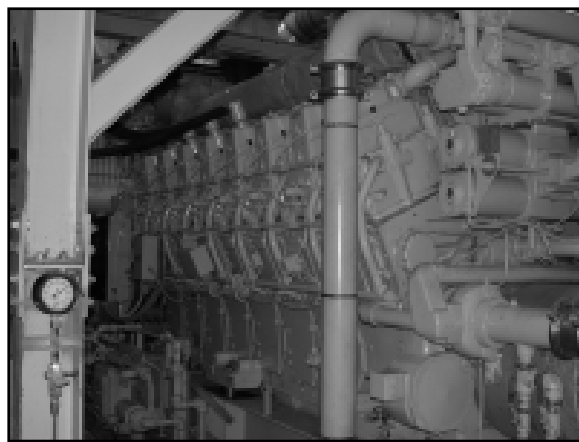
This one-day course will focus on the process, emission control equipment and inspection procedures of small to medium sized solid waste incinerators. The types of incinerators include biomedical, pathological, crematories and commercial heat stripping ovens. This course does not address municipal waste combustors, biomass or hazardous waste incinerators. There is an afternoon field visit where students will receive first-hand experi-

ence during a “mock inspection” of a local business with a permitted incinerator.

Coordinator: Tom Raschke
Phone: (916) 445-0961
E-mail: traschke@arb.ca.gov

Technical Manual 93-219

2008 Scheduled courses:
Bay Area June 24
San Diego November 20



COURSE 271 STATIONARY RECIPROCATING ENGINES

Stationary reciprocating engines are used widely for power generation, gas compression, and many other purposes. They are also a significant source of air contaminants and as such are the focus of increased regulation. This course covers reciprocating engine operating theory, both standard and “cutting-edge” emission control technologies, regulations, permit conditions, and inspection procedures.

Coordinator: Randy Opfer
Phone: (916) 322-8049
E-mail: ropfer@arb.ca.gov

Technical Manual 98-231
Pamphlet 91-012

2008 Scheduled Course:
Diamond Bar March 27
San Diego July 23
Fresno September 16

**COURSE 272
STATIONARY GAS TURBINES AND
POWER PLANTS**



With an increase in demand of the electric utility industry, stationary gas turbines have become more popular in recent years as combined-cycles, peaking power plants & cogeneration facilities. The course discusses uses of gas turbines, fundamentals of operation of modern turbines with emphasis on state-of-the-art controls to achieve some of the lowest emission concentrations for this source category. The course also discusses combined cycles with HRSG units, steam turbines & power generation. This is followed by a detailed discussion on emissions & control techniques such as Dry Low-NOx combustors with staged combustion, water, or steam injection followed by SCR & CO catalysts. Applicable federal & local BACT regulations, permitting requirements, & agency inspection procedures & safety concerns are thoroughly discussed.

Course Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

Technical Manual 96-225

2008 Scheduled courses:
To be announced



**COURSE 273
INDUSTRIAL BOILERS**

Boilers are one of the most common emission sources & range in use from small fire tube boilers to large utility boilers associated with power plant facilities. The course discusses uses of boilers, heat transfer methods & fundamentals of operation of modern industrial & utility boilers including those fired by natural gas, biomass, municipal waste & coal (circulating fluidized bed units). The course also discusses steam turbines & power generation. This is followed by a detailed discussion on emissions & control techniques such as Low-NOx burners, FGR, staged combustion, SCR & SNCR. New technologies such as Ultra Low-NOx 9 ppm burners, applicable federal & local BACT regulations, permitting requirements, & agency inspection procedures & safety concerns are thoroughly discussed.

Course Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

Technical Manual 97-228

2008 Scheduled courses:
To be announced

COURSE 281 ELECTROSTATIC PRECIPITATORS

When the pollutant is fine particulate or aerosols and the control device is an electrostatic precipitator, what can the inspector do to confirm that it is operating properly? This course will help the inspector understand the fundamentals of electrostatic precipitator operation and the likely defects or operator oversights. Topics include: theory and design, cleaning cycles, operation and maintenance, and inspection techniques.

Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewaltonr@arb.ca.gov

Technical Manual 90-206

2008 Scheduled courses:
To be announced

COURSE 282 BAGHOUSES

Baghouses are one of the most effective and widely used control devices for fine particulate matter. This course will present the major uses for baghouses, operational theory and design, applicable regulations, permit conditions, and inspection procedures. The course also includes a brief discussion of baghouse troubleshooting and maintenance.

Coordinator: Randy Opfer
Phone: (916) 322-8049
E-mail: ropfer@arb.ca.gov

Technical Manual 94-213, Pamphlet 91-014

2008 Scheduled courses:
Diamond Bar March 26
Fresno September 17
Redding October 30

COURSE 283 SOIL DECONTAMINATION

This one-day course covers the basic technological aspects of soil remediation processes such as vapor extraction, thermal treatment, and bioremediation. The emphasis is on inspection of decontamination sites for compliance with air pollution regulations and permits.

Coordinator: TBA
Phone: (916) 322-2227
E-mail: arbtrain@arb.ca.gov

2008 Scheduled courses:
To be announced

COURSE 284 VOC CONTROL DEVICES/ SCRUBBERS

This course provides an overview of equipment used to control the emissions of volatile organic compounds (VOC's). This course will cover VOC control equipment such as absorbers, adsorbers, condensers, and oxidizers. Classroom discussion will focus on process descriptions, rule discussion, and inspection procedures for the VOC control equipment. The afternoon field visit will allow students to see and inspect one of the control options covered in class.

Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewaltonr@arb.ca.gov

Technical Manual 95-223

2008 Scheduled courses:
Diamond Bar November 19

COURSE 285 LANDFILL GAS CONTROL DEVICES

This one-day course provides inspectors with an introduction to the operation of landfill gas facilities including monitoring, collection and control systems, as well as applicable inspection techniques. During the mock inspection portion of the class, students will gain hands-on inspection experience.

Coordinator: Ann Stacy
Phone: (916) 324-7658
E-mail: astacy@arb.ca.gov

Technical Manual 96-226

2008 Scheduled courses:
Sacramento July 30
Fresno October 23



COURSE 287 DRY CLEANING

This one-day course emphasizes the Airborne Toxic Control Measure (ATCM) for Perchloroethylene from Dry Cleaning Operations. Classroom discussion will focus on the dry cleaning process, emission controls, and the inspector's role in verifying compliance with all local, state, and federal regulations for the use of perchloroethylene in dry cleaning. Students will receive first-hand experience during the afternoon field visit at a local business with permitted dry cleaning equipment.

Coordinator: Tom Raschke
Phone: (916) 445-0961
E-mail: traschke@arb.ca.gov

Interactive CD
Technical Manual 02-220
Handbook 07-025 - English
Handbook 95-027 - Korean

2008 Scheduled courses:
Diamond Bar July 23
Sacramento August 13

COURSE 288 PETROLEUM REFINING

This course focuses on the inspection of petroleum refining processes and facilities. Introductory information will be provided on the various processes found within a petroleum refining complex. This course is intended to provide an inspector with a framework of information to build upon for conducting more accurate and comprehensive inspections at specific petroleum refining facilities. There will be a field visit in the afternoon. Participants must bring their hard hats, safety shoes, hearing, and eye protection.

Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewaltonr@arb.ca.gov

Technical Manual 94-221

2008 Scheduled courses:
Diamond Bar August 6 - 7

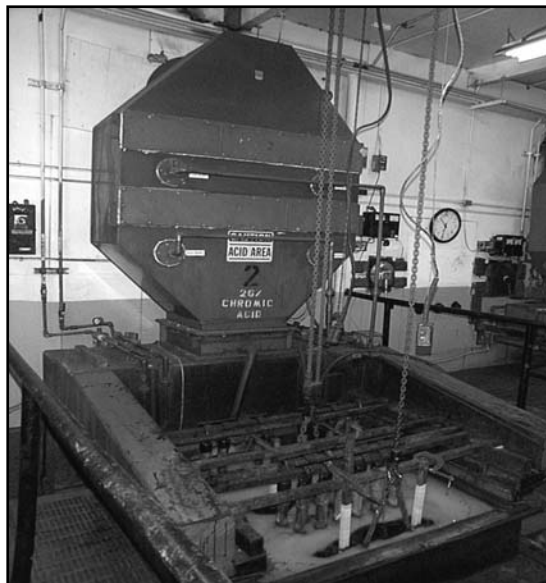
COURSE 290 MACT GENERAL BACKGROUND INFORMATION

This one day course provides general background information on (1) various ARB and EPA toxic regulations/programs: MACTs and ATCMs, California Air Toxics "Hot Spots" Program, U.S. EPA Significant Risk Programs, U.S. EPA & California Accidental Release Prevention Programs; (2) list of toxic air contaminants and hazardous air pollutants, and of U.S. EPA's toxic source categories; (3) pathways for ARB and U.S. EPA enforcement; and (4) lowering MACT sources' potential to emit.

Course Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewalton@arb.ca.gov

2008 Scheduled courses:

Sacramento	February 20
Fresno	April 2



COURSE 290.3 CHROME PLATING AND ANODIZING

This one day course will present process and control information on chrome plating and anodizing facilities followed by a review of the inspection check sheet (which includes pertinent regulation requirements) developed for use in conducting inspections of such sources.

Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Handbook	02-033 - English
Handbook	02-034 - Spanish

2008 Scheduled courses:

Sacramento	January 23
Fresno	March 4
Diamond Bar	April 2
San Diego	June 12

COURSE 295 PORTABLE EQUIPMENT REGISTRATION PROGRAM (PERP)

This one day course is designed for both regulators and the public and is designed to provide information on the following:

- 1) What is PERP
- 2) Legislative history and rule development
- 3) Eligibility requirements for both engines and equipment units
- 4) PERP requirements – identification, notification bookkeeping, etc.
- 5) ATCM requirements
- 6) Inspection requirements

Course Coordinator: Eric Walton
Phone: (916) 324-5868
E-mail: ewalton@arb.ca.gov

2008 Scheduled courses:

Fresno	April 1
Sacramento	July 29
Diamond Bar	November 18

300 SERIES COURSES



*****Note: In most cases it is recommended that students complete the 100 series courses prior to attending the 200 series courses, and 200 series courses before taking 300 series courses. *****

COURSE 300 ENVIRONMENTAL CROSS MEDIA ENFORCEMENT SYMPOSIUM

Cal/EPA's Environmental Cross Media Enforcement Symposium will be held in San Diego, California, from May 30 to June 2, 2008. The course objective is to provide a forum where participants can gain knowledge about advanced enforcement techniques.

The Symposium focuses on enforcement subjects involving each program/media (air, water, waste, toxics and pesticides) and possible cross media, cross program impacts (commonly referred to as "cross media"). This interdisciplinary approach recognizes that many environmental issues cannot be fully addressed without the involvement of more than one environmental regulatory entity.

Participants will learn from top enforcement professionals and learn proven techniques to improve the effectiveness of inspection, investigation, administrative, civil, and criminal enforcement practices. Participants will learn how to identify different violations encountered in each media, determine what agencies may need notification after violations are identified, whether violations may be administrative, civil or criminal offenses, and what follow-up enforcement actions need to be taken.

The 2008 Symposium will include the latest environmental scenarios. The latest enforcement methods will also be addressed at the Symposium by top officials from Cal/EPA and Cal/EPA's Air Resources Board, Department of Toxic Substances Control, Integrated Waste Management Board, Water Resources Control Board, and the Department of Pesticide Regulation. In addition, local environmental enforcement staff and local prosecutors will offer their perspectives on current issues.



Registration and Fees

Registration fees will be used to partially defray Symposium expenses. Payment must be made in advance by credit card, personal or corporate check. Please make registration fees payable to the "Air Resources Board." The fees are:

- \$375 for environmental control agency inspectors and law enforcement representatives received by 4/25/08.
- \$425 for environmental control agency inspectors and law enforcement representatives received after 4/25/08.
- \$675 for other governmental & industry representatives received by 4/25/08.
- \$725 for other governmental & industry representatives received after 4/25/08.
- \$60 for Continuing Education Units (enclose a separate payment payable to "California State University, Sacramento").

Coordinator: Dannie-Marie Mitchell
Phone: (916) 327-2977
E-mail: arbtrain@arb.ca.gov

2008 Schedule:

Long Beach

May 27 - 30

COURSE 310 CAL/EPA BASIC INSPECTOR ACADEMY

The Cal/EPA Basic Inspector Academy targets core skills and sets minimum standards for all inspectors operating under the Cal/EPA umbrella, including county, city, and local governments. The training is lead by a multi-disciplinary team of instructors, environmental professionals, and attorneys.

A prerequisite to the classroom portion of The Academy is an online course. The online course is approximately six to ten hours and must be completed before you attend the classroom training. The following fundamental topics are covered online:

- * Role of the Inspector
- * Science of Environmental Pollution
- * Overview of Environmental Law
- * Cal/EPA Agencies, Roles and Responsibilities

The classroom portion covers the following practical skills for environmental inspectors.

- * Inspection Overview
- * Elements of a Violation
- * Report Writing
- * Interviewing
- * Sampling and Evidence Collection
- * Report Analysis
- * Testimony Skills

Coordinator: Nancy Thompson
Phone: (916) 322-2227
E-mail: nthompso@arb.ca.gov

2008 Academy Schedule:

Sacramento	January 15 - 18
San Diego	July 15 -18
Sacramento	November 4 - 7

COURSE 321 INTRODUCTION TO VARIANCES/HEARING BOARD WORKSHOP

And

COURSE 322 ADVANCED VARIANCES/HEARING BOARD WORKSHOP

These workshops, produced by ARB Enforcement Division, are designed to train hearing board members, hearing board clerks, district staff, consultants, lawyers, and any interested public members on California Health and Safety Code (CH&SC) requirements for variances and abatement orders. Specifically, we discuss the six findings required under the CH&SC, the Clean Air Act and Title V, new legislation, counsel's role, the Chair's role, hearing board policy and procedures. We also cover the factors contributing to an effective district variance program, ARB's auditing criteria and review process.

Coordinator: Vickie McGrath
Phone: (916) 324-7343
E-mail: vmcgrath@arb.ca.gov

2008 Scheduled courses:
Please contact the Course Coordinator



COURSE 330 PERMITTING STAFF DEVELOPMENT WORKSHOP

This two-day workshop focuses on statewide training for air district permit services staff. Day one focuses on common stationary sources & controls and provides an overview of the permitting process including New & Modified Source Review (NSR), BACT review, Offsets & ERCs, Title V & Federal NSR. Participants will also be introduced to common prohibitory & source specific rules as well as New Source Performance Standards (NSPS) & National Emission Standards for Hazardous Air Pollutants (NESHAPS). Day two focuses on application review & effective permit writing, risk management, statewide control programs & compliance considerations.

Course Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

2008 Scheduled courses:
To be announced

COURSE 340 GASOLINE FACILITIES PHASE I AND II

This three-day seminar presents a complete overview of the gasoline vapor recovery program. The history, certification and testing requirements, Executive Orders, types of vapor recovery systems and equipment, installation and compliance inspections, compliance test procedures, and Enhanced Vapor Recovery are discussed. Participants will also conduct field inspections and testing of gasoline dispensing facilities. Service station installers, and repair and maintenance contractors are encouraged to enroll in this seminar.



Coordinator: Terone Preston
Phone: (916) 323-0255
E-mail: tpreston@arb.ca.gov

Technical Manual 02-201
Handbook 00-009

2008 Scheduled courses:
Sacramento March 18 – 20
San Diego November 4 - 6

**COURSE 370
VISIBLE EMISSION EVALUATION
OPERATORS WORKSHOP**

This three-day course is designed for State and Local Air Control Agency Personnel and Contractors who conduct visible emissions evaluation training. This is a hands on training course that will cover operation and maintenance of smoke generator training equipment, legal aspects, regulations requiring visible emission evaluations and changes in certification procedures. An optional VEE night and day certification will also be offered.

Coordinator: Min Li

Phone: (916) 323-1168

E-mail: mli@arb.ca.gov

2008 Scheduled courses:
Long Beach Jan. 8 - 10

**COURSE 375
SMOKE MANAGEMENT WORKSHOP**

This two-day Workshop emphasizes importance of proper smoke management & its impact on dispersion. Speakers will include representatives of CARB, EPA Region IX, air pollution control districts, & National Parks & Forest Service. Specific topics will focus on meteorology, laws & regulations of prescribed burns, fuel consumption & combustion & emission calculations, weather & smoke dispersion, smoke management plans, public notification & health effects, & federal policy on wild land & prescribed fires, & an overview of Title 17.

Coordinator: Randy Opfer

Phone: (916) 322-8049

E-mail: ropfer@arb.ca.gov

Handbook 94-024

2008 Scheduled courses:
Sacramento March 5 - 6
Redding December 3 - 4

**COURSE 387
DRY CLEANER
AIR TOXIC CONTROL MEASURE**



This one-day/half-day course is designed to meet the requirements of the *Airborne Toxic Control Measure (ATCM) for Perchloroethylene* from Dry Cleaning Operations. The primary objective is to certify "trainers" and "operators" pursuant to the requirements of the ATCM and to promote understanding on how to comply with the control measure. A certificate of completion will be issued to each student who successfully completes the certification program. First time enrollees who have never been certified are required to attend the entire day and recertification enrollees are required to attend the afternoon portion. For additional information on inspecting dry cleaning operations, see course #287.

Coordinator: Tom Raschke

Phone: (916) 445-0961

E-mail: traschke@arb.ca.gov

Interactive CD	
Technical Manual	02-220
Handbook, English	195-025
Handbook, Korean	95-027

2008 Scheduled courses:
Please call for Information

COURSE 395 FUGITIVE EMISSIONS OPERATOR TRAINING

This one-day course provides training in fugitive emissions monitoring procedures for technical field staff at refineries, marketing terminals, and oil and gas production facilities. Topics covered include: component identification and counting; performance quality assurance for portable hydrocarbon analyzers; preparing portable hydrocarbon analyzers for field use; component screening procedures; factors affecting accuracy of measurements; and emissions inventory overview. The course will assist fugitive monitoring operators in following uniform and consistent methods statewide. Successful completion of this course will satisfy one of the requirements for operator certification at air pollution control districts that require such certification.

Course Coordinator: Tom Raschke

Phone: (916) 445-0961

E-mail: traschke@arb.ca.gov

2008 Scheduled courses:

Diamond Bar

June 26



400 SERIES COURSES





COURSE 400 ADVANCED AIR QUALITY ENFORCEMENT WORKSHOP

This is a four-day accelerated learning workshop for advanced level air quality inspectors, supervisors and mid-level managers focusing on advances in air quality enforcement. The workshop is designed to provide an in-depth analysis of several key enforcement issues. The workshop provides a forum for an extensive, incisive analysis of critical issues confronting air quality inspection personnel. The workshop features a participative, interactive methodology of discussion, hypothetical problems, and practical exercises. Workshop presenters and panel members are experienced in their appropriate fields and were selected based on the ability to present dynamic, informed presentations. The Workshop Agenda outlines the selected issues, but discussion will not be limited to them.

Coordinator: Nancy Thompson
Phone: (916) 322-2227
E-mail: arbtrain@arb.ca.gov

2008 Scheduled courses:
 Diamond Bar September 3 - 5

COURSE 401 ADVANCED CONTINUOUS EMISSION MONITORING

This is a two (2) day class. Stationary sources such as power plants, glass plants, kraft pulp mills and industrial process plants are today being required to use continuous emission monitoring (CEM) systems to provide a continuous record of air pollution control equipment

performance and to determine compliance with emission standards. CEM constitutes the sum of activities involved in determining and reporting the emission levels of pollutant gases.

Day one of this course will incorporate the basis fundamentals from Course 221 where we will review the purpose and applicability of CEM systems mandated by federal regulations such as 40 CFR Part 60 and Part 75. We will discuss several different types of commercially available extractive & in situ systems with emphasis on performance specifications, including installation, design, testing, & certification. Day two of this course will incorporate monitoring & reporting requirements, system calibration & quality assurance/quality control program including procedures for conducting performance audits (CGA, linearity & RATA). We will also perform emissions calculations exercise, monitoring plan exercise, span and range exercise, CGA, linearity & RATA exercise. Please bring a laptop computer to class.

Course Coordinator: Ben Sehgal
Phone: (916) 327-3953
E-mail: rsehgal@arb.ca.gov

2008 Scheduled courses:

Mojave	February 6 - 7
Bakersfield	March 26 - 27
Bay Area	July 23 - 24
Redding	September 24 - 25

Appendix A

Registration Form





Compliance Training Program Registration Form

PLEASE provide all the information requested below. If you are sending this form by US mail, please attach the student's business card. Please complete a separate form for each person enrolling in courses. An individual may be enrolled for multiple courses on a single form. If you have registration questions, please call (916) 322-3937 or visit us on the web at <http://www.arb.ca.gov/training/training.htm>.

Include your payment by check with your course application, payable to **California Air Resources Board**. Payment with a major credit card is acceptable. Please have your credit card information ready and telephone the Registrar at the number listed above. For security reasons, do NOT e-mail or fax credit card information.

SEND COMPLETED FORMS TO: Fax to: (916) 323-3303
Mail to: Registrar
Air Resources Board
Enforcement Division, Training Section
P.O. Box 2815
Sacramento, CA 95812

PLEASE PROVIDE THE FOLLOWING:

Student Name <i>last, first, middle</i>			
<input type="checkbox"/> I have taken previous ARB courses.		<input type="checkbox"/> My name has changed. Old name:	
Student Number: <i>(if known)</i>		<input type="checkbox"/> My employer/address/phone has changed.	
Job Title:			
Employer:		Division/Section:	
Address:			
City:		State:	Zip:
Work Phone:		Alternate Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell <input type="checkbox"/> Pager <input type="checkbox"/> Fax	
Email Address:			

Course Number	Course Title	Date Offered	Course Location	Course Fee

For information about course fees, please visit www.arb.ca.gov/training/registra.htm

Total Amount Enclosed: \$

Appendix B

Fundamentals of Enforcement and Visible Emission Evaluation Recertification Schedule



**2008 Fundamentals of Enforcement and
Visible Emission Evaluation Re-certification Schedule**

Fundamentals of Enforcement (Course 100)

Advance registration is required. Online registration:

<http://www.arb.ca.gov/training/regform-online.htm>

February 26-28, 2008	Sacramento
April 8-10, 2008	San Luis Obispo
June 10-12, 2008	Sacramento
July 8-10, 2008	Long Beach
October 7-9, 2008	Monterey
December 2-4, 2008	Los Angeles

Visible Emission Evaluation Recertification (Course 100.1 & 100.2)

Pre-registration is not required for VEE Recert. Please check our website for last minute changes.

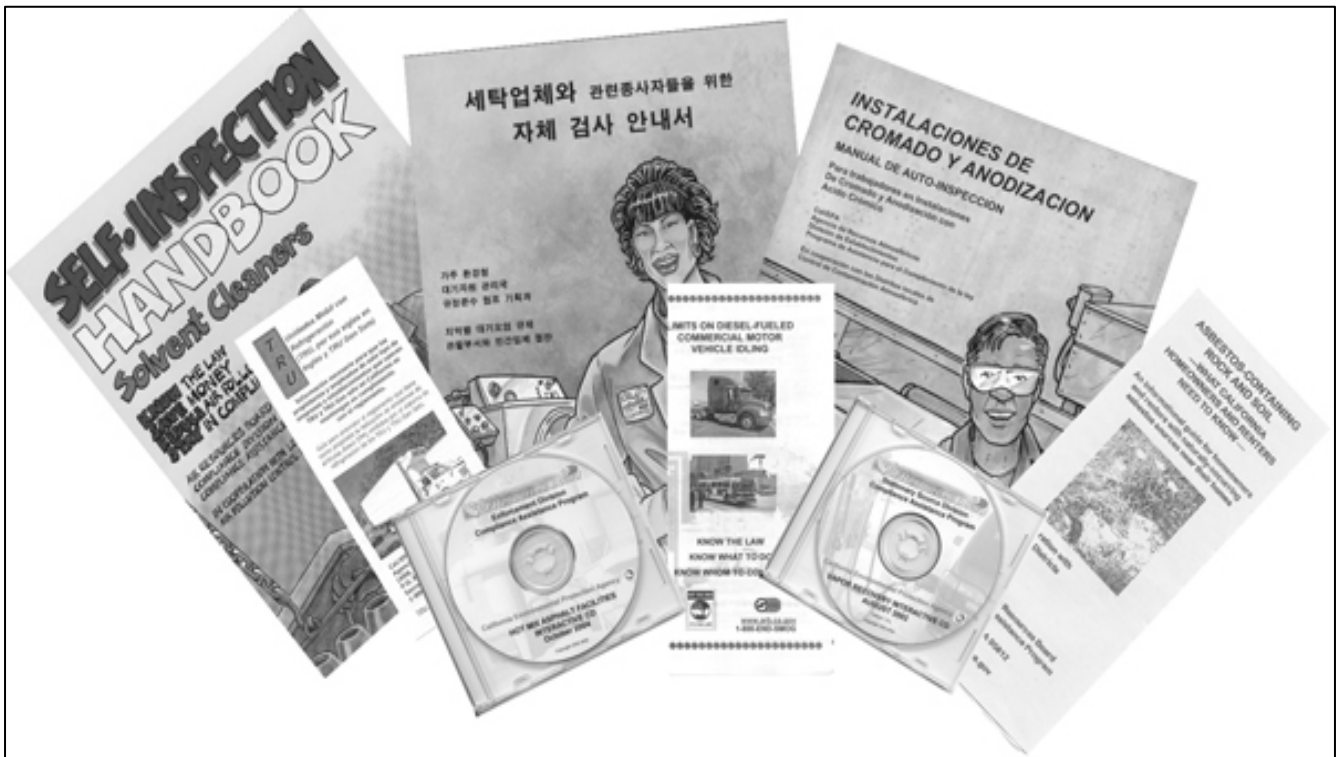
Day cert.: www.arb.ca.gov/CAP/100_1.htm Night cert.: http://www.arb.ca.gov/CAP/100_2.htm

Day certifications begin at 8:30 am and night certifications begin at local official sunset time.

DAY (Course 100.1)	LOCATION	NIGHT (Course 100.2)
Thursday, January 10	Long Beach	Wednesday, January 9
Wednesday, January 16	San Diego	
Wednesday, January 23	Long Beach	Tuesday, January 22
Thursday, January 24	San Dimas	
	Pomona	Thursday, January 24
Tuesday, January 29	Ventura	
Thursday, February 28	West Sacramento	Wednesday, February 27
Wednesday, March 5	Pleasanton	
Thursday, March 6	Pleasanton	
Thursday, March 13	Redding	
Wednesday, March 19	Monterey	
Thursday, March 20	Madera	
Thursday, April 10	San Luis Obispo	Wednesday, April 9
Wednesday, April 16	Victorville	
Thursday, April 17	Bakersfield	Thursday, April 17
Wednesday, April 30	West Sacramento	
Thursday, June 12	West Sacramento	Wednesday, June 11
Thursday, July 10	Long Beach	Wednesday, July 9
Wednesday, July 16	San Diego	
Wednesday, July 23	Long Beach	Tuesday, July 22
Thursday, July 24	San Dimas	
	Pomona	Thursday, July 24
Tuesday, July 29	Ventura	
Thursday, September 4	West Sacramento	
Wednesday, September 10	Pleasanton	
Thursday, September 11(Tentative)	Pleasanton	
Thursday, September 18	Redding	
Tuesday, September 23	Madera	
Thursday, October 9	Monterey	Wednesday, October 8
Wednesday, October 15	Victorville	
Thursday, October 16	Bakersfield	Thursday, October 16
Wednesday, October 29	West Sacramento	
	Pomona	Wednesday, December 3
Thursday, December 4	San Dimas	

Appendix C

Compliance Assistance Program Publication Order Form





Cal/EPA
California Air Resources Board

Publication Order Form

Compliance Assistance Program

All publications listed below, except for interactive CDs, can be downloaded free from the CAP website, <http://www.arb.ca.gov/cap/handbks.htm>. You can also order printed versions of some handbooks, pamphlets and technical manuals. All publications are free to environmental government agencies. Handbooks are \$2.50 each for businesses outside California. CDs are \$10.00 for businesses in California and \$25.00 outside the State. For credit card orders, please call (916) 327-7211. Please send completed order form and checks payable to the "California Air Resources Board," Compliance Assistance program, P.O. Box 2815, Sacramento, CA 95812, call (916) 327-7211, FAX to (916) 323-3303, or email cap_pubs@arb.ca.gov.

TECHNICAL MANUALS on CD: PDF and INTERACTIVE

97-207C	Aerospace Coating Operations	_____
07-218CI	Aggregate Plants – Interactive	_____
00-235C	Ambient Air Monitoring	_____
07-208 CI	Asbestos Demolition/Renovation - Interactive	_____
91-214C	Automotive Refinishing	_____
94-213C	Baghouses	_____
97-228C	Boilers	_____
96-227C	Cement Kilns	_____
06-238CI	Chrome Plating & Anodizing Operations – Interactive	_____
94-222C	Concrete Batch Plants	_____
97-229C	Continuous Emission Monitors	_____
02-220CI	Dry Cleaning Operations – Interactive	_____
90-206C	Electrostatic Precipitators	_____
07-239CI	Fugitive Dust Control – Interactive	_____
96-225C	Gas Turbines	_____
92-217C	Graphic Arts Production	_____
97-230C	Health & Safety	_____
04-209CI	Hot Mix Asphalt Facilities - Interactive	_____
93-219C	Incinerators	_____
96-226C	Landfill Gas Control Facilities	_____
07-240C	Maximum Achievable Control Technology (MACT) Informational CD	_____
91-212C	Metal Container, Closure & Coil Coating Operations	_____
95-202C	Metal Parts & Products Surface Coating Operations	_____
92-216C	Oil Field Production	_____
94-221C	Petroleum Refining	_____
99-234C	Polyester Resin/Fiberglass	_____
98-233C	Printed Circuit Board Manufacturing	_____
96-224C	Solvent Cleaning & Degreasing	_____
98-231C	Stationary Reciprocating Engines	_____
01-236C	Stationary Source Test Observations	_____
02-201CI	Vapor Recovery - Interactive	_____
03-237C	Visible Emissions Training & Certification Program SOP	_____
95-223C	VOC Control Devices/Scrubbers	_____

HANDBOOKS & PAMPHLETS

90-008	Aerospace Coating Industry	_____
97-007	Agricultural Burning (English)	_____
93-022	Agricultural Burning (Spanish)	_____
03-035	Asbestos-Containing Rock & Soil: Homeowners Pamphlet	_____
00-032	Asbestos Demolition/Renovation	_____
91-015	Automotive Refinishing (English)	_____
92-017	Automotive Refinishing (Spanish)	_____
91-014	Baghouses Pamphlet	_____
02-033	Chrome Plating & Anodizing (English)	_____
02-034	Chrome Plating & Anodizing (Spanish)	_____
02-036	Cleaners & Degreasers Used in Automotive Repair Pamphlet	_____
95-026	Consumer Products	_____
07-025	Dry Cleaning Industry (English)	_____
95-027	Dry Cleaning Industry (Korean)	_____
07-043	Enhanced Vapor Recovery (EVR) Program Pamphlet	_____
94-024	Forest Management Burning	_____
07-018	Fugitive Dust Control	_____
00-009	Gasoline Facilities Phase I & II	_____
97-028	Graphic Arts Industry (English)	_____
98-029	Graphic Arts Industry (Spanish)	_____
90-006	Hot Mix Asphalt Facilities	_____
05-038	Limits on Diesel-Fueled Commercial Motor Vehicle Idling Pamphlet	_____
06-039	Naturally-Occurring Asbestos	_____
93-021	Oil Field Production	_____
97-004	Solvent Cleaners	_____
91-012	Stationary Internal Combustion Engines Pamphlet	_____
90-010	Surface Coating of Metal & Plastic Parts & Products (English)	_____
90-011	Surface Coating of Metal & Plastic Parts & Products (Spanish)	_____
05-037	Transport Refrigeration Units ATCM #1 Overview (English) Pamphlet	_____
05-040	Transport Refrigeration Units ATCM #1 Overview (Spanish) Pamphlet	_____
07-041	Transport Refrigeration Units ATCM #2 Owner/Operator (Eng) Pamphlet	_____
07-042	Transport Refrigeration Units ATCM #2 Owner/Operator (Span) Pamphlet	_____
06-020	Training & Compliance Assistance Program Pamphlet	_____
93-023	Visible Emissions Evaluation	_____
05-019	Wood Burning Handbook	_____
98-030	Wood Products Coatings (English)	_____
98-031	Wood Products Coatings (Spanish)	_____

Please provide the following information for each order:

Last Name:

First Name:

Company/Agency:

Address:

Phone:

FAX:

Email:

Appendix D

2008 Compliance Training Course Calendar



January 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1 NEW YEARS DAY	2	3	4
7	8 #220 Compliance Assurance Monitoring (CAM), Diamond Bar #370 VEE Operators Workshop, Long Beach	9 #370 VEE Operators Workshop, Long Beach #100.2 Night VEE Recertification, Long Beach	10 #220 Compliance Assurance Monitoring (CAM), Mojave #370 VEE Operators Workshop, Long Beach #202 Health & Safety, Sacramento #100.1 Day VEE recrt, Long Beach	11
14	15 #310 Cal/EPA Basic Inspector Academy, Sacramento	16 #310 Cal/EPA Basic Inspector Academy, Sacramento #100.1 Day VEE Recert., San Diego	17 #310 Cal/EPA Basic Inspector Academy, Sacramento	18 #310 Cal/EPA Basic Inspector Academy, Sacramento
21 MARTIN LUTHER KING, JR. DAY	22 #100.2 Night VEE Recertification, Long Beach	23 #290.3 Chrome Plating Sacramento #100.1 Day VEE Recertification, Long Beach	24 #100.1 Day VEE Recertification, San Dimas #100.2 Night VEE Recertification, Pomona	25
28	29 #101-115 Unified Air Quality Training Program (UAQTP), Diamond Bar #100.1 Day VEE Recertification, Ventura	30 #101-115 Unified Air Quality Training Program (UAQTP), Diamond Bar	31 #101-115 Unified Air Quality Training Program (UAQTP), Diamond Bar	

FEBRUARY 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				1 #101-115 Unified Air Quality Training Program (UAQTP), Diamond Bar
4	5 #195 Air Academy, Sacramento (ARB Staff Only)	6 #401 Advanced CEM, Mojave #195 Air Academy, Sacramento (ARB Staff Only)	7 #401 Advanced CEM, Mojave #195 Air Academy, Sacramento (ARB Staff Only)	8
1	12 LINCOLN'S BIRTHDAY	13	14 #252 Fugitive Dust, Sacramento	15
18 PRESIDENT'S DAY	19 #222 Principals of Ambient Air Monitoring, Sacramento	20 #290 MACT, Sacramento 230 Metal Parts, Diamond Bar	21 #230.2 Auto Refinishing, Diamond Bar	22
25	26 #242 Hot Mix Asphalt Diamond Bar #243 Aggregate Plants, Diamond Bar #100 Fundamentals of Enforcement, Sacramento	27 #242 Hot Mix Asphalt, Diamond Bar #243 Aggregate Plants, Diamond Bar #100 Fundamentals of Enforcement, Sacramento #100.2 Night VEE Recertification, West Sacramento	28 #100 Fundamentals of Enforcement, Sacramento #100.1 Day VEE Recertification, West Sacramento	29

MARCH 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
3	4 #290.3 Chrome Plating & Anodizing, Fresno	5 #375 Smoke Management, Sacramento #252 Fugitive Dust, Fresno #100.1 Day VEE Recertification, Pleasanton	6 #375 Smoke Management, Sacramento #100.1 Day VEE Recertification, Pleasanton	7
10	11	12	13 #100.1 Day VEE Recertification, Redding	14
17	18 #340 Gasoline Facilities Phase I & II, Sacramento	19 #340 Gasoline Facilities Phase I & II, Sacramento #100.1 Day VEE Recertification, Monterey	20 #340 Gasoline Facilities Phase I & II, Sacramento #100.1 Day VEE Recertification, Madera	21
24	25	26 #282 Baghouses, Diamond Bar #401 Advanced CEM, Bakersfield	27 #244 Concrete Batch Plants, Sacramento #271 Stationary Recip. Engines, Diamond Bar #401 Advanced CEM, Bakersfield	28
31				

APRIL 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1 #295 PERP, Fresno	2 #290.3 Chrome Plating & Anodizing, Diamond Bar #290 MACT, Fresno	3	4
7	8 #100 Fundamentals of Enforcement, San Luis Obispo	9 #100 Fundamentals of Enforcement, San Luis Obispo #100.2 Night VEE Re-certification, San Luis Obispo	10 #100 Fundamentals of Enforcement, San Luis Obispo #100.1 Day VEE Re-certification, San Luis Obispo	11
14	15	16 #100.1 Day VEE Recertification, Victorville	17 #100.1 Day VEE Recertification, Bakersfield #100.2 Night VEE Re-certification, Bakersfield	18
21	22	23	24	25
28	29	30 #100.1 Day VEE Re-certification, West Sacramento		

MAY 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
			1	2
5	6	7	8	9
12	13	14	15	18
19	20	21	22	23
26 MEMORIAL DAY	27 #300 Environmental Cross Media Enforcement Symposium, Long Beach	28 #300 Environmental Cross Media Enforcement Symposium, Long Beach	29 #300 Environmental Cross Media Enforcement Symposium, Long Beach	30 #300 Environmental Cross Media Enforcement Symposium, Long Beach

JUNE 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
2	3	4	5	6
9	10 #100 Fundamentals of Enforcement, Sacramento	11 #100 Fundamentals of Enforcement, Sacramento #100.2 Night VEE Recertification, Sacramento	12 #100 Fundamentals of Enforcement, Sacramento #100.1 Day VEE Recertification, Sacramento #290.3 Chrome Plating, San Diego	13
16	17 #101-115 Unified Air Quality Training Program (UAQTP), Sacramento	18 #01-115 Unified Air Quality Training Program (UAQTP), Sacramento	19 #101-115 Unified Air Quality Training Program (UAQTP), Sacramento	20 #101-115 Unified Air Quality Training Program (UAQTP), Sacramento
23	24 #270 Incinerators, Bay Area	25 #202 Health and Safety, Diamond Bar #242 Hot Mix Asphalt, Redding #243 Aggregate Plants, Redding	26 #242 Hot Mix Asphalt, Redding #243 Aggregate Plants, Redding #395 Fugitive Emissions Operator Training, Diamond Bar	27
30				

JULY 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1	2	3	4 INDEPENDENCE DAY
9	8 #100 Fundamentals of Enforcement, Long Beach #199 Intro to Control Devices, Fresno	9 #100 Fundamentals of Enforcement, Long Beach #100.2 Night VEE, Long Beach #199 Intro to Control Devices, Fresno	10 #100 Fundamentals of Enforcement, Long Beach #100.1 Day VEE Recertification, Long Beach #220 CAM, San Diego	13
14	15 #310 Cal/EPA Basic Inspector Academy, San Diego	16 #310 Cal/EPA Basic, San Diego #210 Gasoline Cargo, Sacramento #100.1 Day VEE Re-certification, San Diego	17 #310 Cal/EPA Basic Inspector Academy, San Diego #211 Bulk Loading Racks, Sacramento	18 #310 Cal/EPA Basic Inspector Academy, San Diego
21	22 #100.2 Night VEE Recertification, Long Beach	23 #287 Dry Cleaning, Diamond Bar #401 Advanced CEM, Bay Area #100.1 Day VEE Recertification, Long Beach #271 Stationary Recip. Engines, San Diego	24 #252 Fugitive Dust, Diamond Bar #401 Advanced CEM, Bay Area #100.1 Day VEE Recertification, San Dimas #100.2 Night VEE Recertification, Pomona #202 Health and Safety, San Diego	25
28	29 #295 PERP, Sac #100.1 Day VEE Recert, Ventura	30 #285 Landfill Gas, Sacramento	31	

AUGUST 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				1
4	5 #220 CAM, Monterey	6 #260 Oil Field Production, Diamond Bar #288 Petroleum Refining, Diamond Bar	7 #220 Compliance As- surance Monitoring (CAM), Santo Barbara #288 Petroleum Refining, Diamond Bar	8
11	11	12	13 #287 Dry Cleaning, Sacramento	14 #230.3 Surface Coating Operations: Metal Container Closure & Coil Coating, Bay Area
18	19	20 #242 Hot Mix Asphalt, San Diego	21 #244 Concrete Batch, San Diego	22
25	26	27 #220 Compliance Assurance Monitoring (CAM), Bay Area	28 #220 Compliance Assurance Monitoring (CAM), Bay Area	29

SEPTEMBER 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1 LABOR DAY	2	3 #400 Advanced Air Quality Enforcement Workshop, Diamond Bar	4 #400 Advanced Air Quality Enforcement Workshop, Diamond Bar #100.1 Day VEE Recertification, West Sacramento	5 #400 Advanced Air Quality Enforcement Workshop, Diamond Bar
8	9 #199 Intro to Control Devices, Sacramento	10 #199 Intro to Control Devices, Sacramento #100.1 Day VEE Recertification, Pleasanton	11 #100.1 Day VEE Recertification, Pleasanton	12
15	16 #271 Stationary Reciprocating Engines, Fresno	17 #282 Baghouses, Fresno	18 #100.1 Day VEE Recertification, Redding	19
22	23 #100.1 Day VEE Recertification, Madera	24 #401 Advanced Continuous Emission Monitoring, Redding	25 #401 Advanced Continuous Emission Monitoring, Redding	26
29	30			

OCTOBER 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
		1	2	3
6	7 #100 Fundamentals of Enforcement, Monterey	8 #100 Fundamentals of Enforcement, Monterey #100.2 Night VEE Recertification, Monterey #252 Fugitive Dust, Bakersfield	9 #100 Fundamentals of Enforcement, Monterey #100.1 Day VEE Recertification, Monterey	10
13 COLUMBUS DAY	14	15 #100.1 Day VEE Recertification, Victorville #251 Asbestos Demolition & Renovation, Sacramento	16 #100.1 Day VEE Recertification, Bakersfield #100.2 Night VEE Recertification, Bakersfield	17
20	21	22 #244 Concrete Batch Plants, Fresno	23 #285 Landfill Gas Control Devices, Fresno	24
27	28 #220 CAM, Fresno	29 #100.1 Day VEE Recertification, W. Sac	30 #282 Baghouses, Redding #220 CAM, Long Beach	31

NOVEMBER 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
3	4 #310 Cal/EPA Basic Inspector Academy, Sacramento #340 Gasoline Facilities Phase I & II, San Diego	5 #310 Cal/EPA Basic Inspector Academy, Sacramento #340 Gasoline Facilities Phase I & II, San Diego	6 #310 Cal/EPA Basic Inspector Academy, Sacramento #340 Gasoline Facilities Phase I & II, San Diego	7 #310 Cal/EPA Basic Inspector Academy, Sacramento
10	11 VETERANS DAY	12	13	14
17	18 #295 PERP, Diamond Bar	19 #230.4 Graphic Arts, San Diego #284 VOC Control De- vices - Scrubbers, Diamond Bar	20 #270 Incinerators, San Diego	21
24	25	26	27 THANKSGIVING DAY	28 DAY AFTER THANKSGIVING

DECEMBER 2008

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1	2 #100 Fundamentals of Enforcement, Diamond Bar	3 #100 Fundamentals of Enforcement, Diamond Bar #100.2 Night VEE Recertification, Pomona #375 Smoke Management, Redding	4 #100 Fundamentals of Enforcement, Diamond Bar #100.1 Day VEE Recertification, San Dimas #375 Smoke Management, Redding	5
8	9 #199 Intro to Control Devices, Mojave	10 #199 Intro to Control Devices, Mojave	11	12
15	16	17	18	19
22	23	24	25 CHRISTMAS DAY	26
29	30	31		



CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY



**AIR RESOURCES BOARD
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